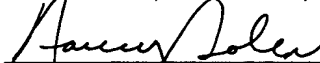


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Dated: February 18, 2004

Signature:

  
(Nancy Nolen)

Docket No.: 1279-400C1/10400642  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Guillermo C. Bazan et al.

Application No.: 10/759,505

Confirmation No.: To be assigned

Filed: January 16, 2004

Art Unit: To be assigned

For: **BINAPHTHOL BASED CHROMOPHORES  
FOR THE FABRICATION OF BLUE  
ORGANIC LIGHT EMITTING DIODES**

Examiner: To be Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

A copy of each reference on the PTO/SB/08 is attached other than United States Letters Patent No. US 5,798,170.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

Application No.: 10/759505


Docket No.: 1279-400C1/10400642

application by this firm) to our Deposit Account No. 50-0337, under Order No. 1279-400C1/10400642. A duplicate copy of this paper is enclosed.

Dated: February 18<sup>9</sup>, 2004

Respectfully submitted,

FULBRIGHT & JAWORSKI L.L.P.  
865 South Figueroa Street, 29<sup>th</sup> Floor  
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By   
Robert Berliner  
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Attorney for Applicant

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/759505
				Filing Date	January 16, 2004
				First Named Inventor	Guillermo C. Bazan
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	1	of	2	Attorney Docket Number	1279-400C1/10400642

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	5,798,170	08-25-1998	Yu Gang, Zhang Chi, Cao Yong	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AB	WO9804610	02-05-1998	GRIZZI ILARIA, TOWNS CARL, CAMBRIDGE DISPLAY TECH		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AC ✓	Becker, H. et al. "Soluble PPVs with Enhanced Performance – A Mechanistic Approach." <i>ADVANCED MATERIALS</i> , 12(1):42-48 (2000)	
	AD ✓	Braun, D. et al. "Electroluminescence and electrical transport in poly(3-octylthiophene) diodes." <i>J. Appl. Phys.</i> , 72(2):564-568 (1992)	
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	AF ✓	Cao, Y. et al. "Solution-cast films of polyaniline: Optical-quality transparent electrodes." <i>Appl. Phys. Lett.</i> , 60(22):2711-2713 (1992)	
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	AH ✓	Ostrowski, J.C. et al. "Glass-Forming Binaphthyl Chromophores." <i>Chem. Eur. J.</i> , 7(20):4500-4511 (2001)	
	AI ✓	Parker, I.D. et al. "Lifetime and degradation effects in polymer light-emitting diodes." <i>JOURNAL OF APPLIED PHYSICS</i> , 85(4):2441-2447 (1999)	
	AJ ✓	Salbeck, J. et al. "Low molecular organic glasses for blue electroluminescence." <i>Synthetic Metals</i> , 91:209-215 (1997)	
	AK ✓	Shirota, Y. et al. "Starburst molecules based on $\pi$ -electron systems as materials for organic electroluminescent devices." <i>Journal of Luminescence</i> , 72-74:985-991 (1997)	
	AL ✓	Shirota, Y. "Organic materials for electronic and optoelectronic devices." <i>J. Mater. Chem.</i> , 10:1-25 (2000)	
	AM ✓	Van Slyke, S.A. et al. "Organic electroluminescent devices with improved stability." <i>Appl. Phys. Lett.</i> , 69(15):2160-2162 (1996)	
	AN ✓	Tanaka, H. et al. "Novel hole-transporting materials based on triphenylamine for organic electroluminescent devices." <i>Chem. Commun.</i> , 2175-2176 (1996)	
	AO ✓	Wakimoto, T. et al. "Organic EL Cells Using Alkaline Metal Compounds as Electron Injection Materials." <i>IEEE TRANSACTIONS ON ELECTRON DEVICES</i> , 44(8):1245-1248 (1997)	
Examiner Signature		Date Considered	

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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Sheet	2	of	2	Attorney Docket Number	1279-400C1/10400642

AP	Yang, Y. et al. "Polyaniline as a transparent electrode for polymer light-emitting diodes: Lower operating voltage and higher efficiency." <i>Appl. Phys. Lett.</i> , 64(10):1245-1248 (1994)
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